

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S22 | 143  | (backward or previous) near3<br>rotat\$6 with key and<br>@ad<="20030721"                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:32 |
| S23 | 2    | "6363149".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 15:57 |
| S24 | 0    | S22 and S23   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 15:57 |
| S25 | 2    | (backward or previous) near3<br>rotat\$6 with key with exponent\$5<br>and @ad<="20030721" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 15:59 |
| S26 | 27   | (backward or previous) near3<br>deriv\$5 with key and<br>@ad<="20030721"                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:35 |
| S27 | 4367 | (backward or previous) near3 key<br>and @ad<="20030721"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:36 |
| S28 | 2    | (backward or previous) near3 key<br>with exponent\$5 and<br>@ad<="20030721"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:36 |
| S29 | 277  | (backward or previous) near3 key<br>and exponent\$5 and<br>@ad<="20030721"                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:36 |
| S30 | 32   | (backward or previous) near3 key<br>with hash\$6 and<br>@ad<="20030721"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:39 |
| S31 | 8    | (past or future) near3 key with<br>hash\$6 and @ad<="20030721"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:40 |
| S32 | 1    | backward near3 key with hash\$6<br>and @ad<="20030721"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:40 |
| S33 | 41   | backward near3 key with generat\$6<br>and @ad<="20030721"                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:51 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S34 | 340 | previous near3 key with generat\$6 and @ad<="20030721"                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:52 |
| S35 | 1   | previous near3 key with generat\$6 with exponent and @ad<="20030721"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:52 |
| S36 | 6   | previous near3 key with generat\$6 with hash\$5 and @ad<="20030721"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:53 |
| S37 | 31  | previous near3 key with hash\$5 and @ad<="20030721"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 16:55 |
| S38 | 37  | previous near3 key with deriv\$6 and @ad<="20030721"                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:04 |
| S39 | 60  | forward with key with deriv\$6 and @ad<="20030721"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:11 |
| S40 | 307 | forward with key with comput\$5 and @ad<="20030721"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:11 |
| S41 | 803 | updat\$5 with key with comput\$5 and @ad<="20030721"                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:11 |
| S42 | 3   | updat\$5 with key with comput\$5 with exponent\$5 and @ad<="20030721" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:12 |
| S43 | 254 | updat\$5 with key with previous and @ad<="20030721"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:21 |
| S44 | 1   | "20020152392".pn. and previous  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:23 |
| S45 | 0   | "20020152392".pn. and hash\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:23 |

## EAST Search History

|     |   |                                 |   |    |    |                  |
|-----|---|---------------------------------|---|----|----|------------------|
| S46 | 0 | "20020152392".pn. and digest\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/29 17:23 |
|-----|---|---------------------------------|---|----|----|------------------|